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2B250/HA01 ; 2B250/HA05
TI - MANUFACTURE OF DEFORMED WOOD AND DEVICE THEREFOR
PA - YAMAMOTO VINITA CO LTD
IN - FUKE TAKESHI
AP - JP19970037861 19970221
PR - JP19970037861 19970221
DT - I
PD - 1998-09-08
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NPR - 1

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AN - 1998-536177 [46]
TI - Deformed timber manufacturing method for furniture, flooring - heating timber,
e.g. by HF dielectric heating, to predetermined temperature to remove interior
moisture contents
AB - J10235613 The method heats a moisture content timber (1) by a heating
apparatus (4) to a predetermined temperature for a short time till the moisture
from interior of the timber is released.
- The heated timber is then cooled with a cooler (6). Pressure application is
performed on the timber by a pair of electrode plates (5a,5b).
- USE - For building material and internal equipment material.
- ADVANTAGE - Obtains uniform deformation of timber. Avoids restrictions of
pressure container usage. Provides flexibility to corresponding design
requirement. Facilitates manufacturing of compressed laminated wood.
Facilitates setting of electric power supply to electrode for corresponding
timber volume and hence increases heating efficiency of timber.(Dwg.1/12)
IW - DEFORM TIMBER MANUFACTURE METHOD FURNITURE FLOOR HEAT
TIMBER HF DIELECTRIC HEAT PREDETERMINED TEMPERATURE REMOVE
INTERIOR MOIST CONTENT
PN - JP10235613 A 19980908 DW199846 B27K5/00 013pp
IC - B27K5/00 ; B27M1/02
MC - T06-D20 X25-B02 X25-D02 X25-G X25-U X25-X
DC - P63 T06 X25

PA - (YAMA-N) YAMAMOTO VINITA KK
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PN - JP10235613 A 19980908
TI - MANUFACTURE OF DEFORMED WOOD AND DEVICE THEREFOR
AB - PROBLEM TO BE SOLVED: To obtain a deformed wood in a short period of time by a method wherein the wood is heated up to a predetermined temperature within the short period of time ranging from a wood under opened state to a wood, the water content within which is gone.
- SOLUTION: This device is equipped with a heating device 4, which heats a wood 1 under opened state up to a predetermined temperature before the water content in the wood 1 is gone, a heating and cooling device 6, and electrode plates 5a and 5b. By employing this manufacturing equipment of a deformed wood, no limitation on the use of a pressure vessel is impressed. Further, this manufacturing method has a versatility so rapidly improved as to cope with the need of designs, which may more diversify in future and can obtain a deformed wood in a short period of time, though a device has a low cost and simple constitution.

I - B27K5/00 ;B27M1/02
PA - YAMAMOTO VINITA CO LTD
IN - FUKE TAKESHI
ABD - 19981231
ABV - 199814
AP - JP19970037861 19970221